BIBLIOGRAPHY

Aanandhi M V et al.,(2010). Synthesis and in-vitro antioxidant activity of substituted Pyridinyl 1, 3, 4- oxadiazole derivatives. Research Journal of Pharmaceutical, Biological and Chemical Sciences, 1, 1083-1090.

Amir M. and Shalini S.(2008). Synthesis and anti-inflammatory activity of naphtylmethyl oxadiazoles, thiadiazoles and triazoles. Indian Journal of Heterocyclic Chemistry, 8, 107 – 109.

Bakal R L, Gattani S G (2012). Identification and development of 2, 5-disubstituted oxadiazoles as potential candidates for the treatment of XDR and MDR tuberculosis. European Journal of Medicinal Chemistry, 47, 278 – 282.

Bala S et al., (2014),1,3,4-oxadiazole derivatives: synthesis, characterization, microbial potential and computational studies, Biomed Research International, 2014, 2014, 1-8

Banday M R et al.,(2010). Synthesis, characterization and anti-bacterial activity of 5-(alkenyl)-2-amino- and 2-(alkenyl)-5-phenyl-1, 3, 4-oxadiazoles. Journal of Chemical Sciences, 122, 177-182.

Bharathi D et al., (2011). Synthesis and in vivo evaluation of anti-inflammatory activity of 5-(2-(2-(arylideneamino) oxazol-5-ylamino) benzoxazol-5-yl)-3-(dialkylamino) methyl)-1, 3, 4-oxadiazole-2(3H)-thiones. Journal of Advanced Pharmaceutical Sciences, 1, 34-50.

Dabholkar V Vet al.,(2012). Synthesis of novel 1, 2, 3-triazole derivatives containing oxadiazole, trifluoromethyl pyridine. Der Pharma Chemica, 4, 320-328.

Dr.Zhang X et al., (2019), Facile synthesis of unsymmetrical 2,5-disubstituted-1,3,4-oxadiazoles by cyclization of gem difluoro alkenes with acyl hydrazides, Asian Journal of organic chemistry,8, 2, 279-282.

Faizi Met al.,(2012). Design, synthesis and pharmacological evaluation of novel 2-[2-(2-chlorophenoxy) phenyl]-1, 3, 4-oxadiazole derivatives as benzodiazepine receptor agonists. Iranian Journal of Pharmaceutical Research, 11, 83-90.

Gilani S J et al.,(2011). Synthesis and in-vitro antimicrobial evaluation of condensed heterocyclic 6-substituted 1, 2, 4-triazolo-[3, 4-b]-1, 3, 4-thiadiazole and 1, 3, 4-oxadiazole derivatives of isoniazid. Acta PoloniaePharmaceutica- Drug Research, 68, 205-211.

Gilchrist T L (2008). Introduction: uses of heterocyclic compounds. Heterocyclic Chemistry, 3rd edition, Pearson Education publication: Singapore.

Hamada M M N, Sharshira E S (2011). Synthesis and microbial evaluation of some heterocyclic chalcones derivatives. Molecules, l6, 2304-2312.

Hamdan F et al., (2018), Efficient Synthesis of novel conjugated 1,3,4-oxadiazole-peptides, New Journal of Chemistry,42, 6, 4344-4351.

http://www.en.wikipedia.org/wiki/Oxadiazole/ **Joule J A, Mills K, and Smith G F**. Heterocyclic Chemistry, 3rd Edition, page 452.

Jubie S et al., (2013), Synthesis and characterization of some novel fatty acid analogues: A preliminary investigation on their activity against human lung carcinoma cell line. Lipids in Health and Disease, 12, 1-5.

Kaddi A A et al.,(2007). Synthesis, anti-bacterial and anti-inflammatory activities of novel 2-(1-adamantyl)-5-substituted-1,3,4-oxadiazoles and 2-(1-adamantylamino)-5-substituted-1,3,4-thiadiazoles. European Journal of Medicinal Chemistry, 42, 235 – 242.

Khanam R et al., (2019), Pharmacokinetic evaluation, molecular docking and in vitro biological evaluation of 1, 3, 4-oxadiazole derivatives as potent antioxidants and STAT3 inhibitors, Journal of Pharmaceutical Analysis, 9, 133-141.

Kumar B et al., (2016), Latest Update on Pharmacological Activities of 1,3,4-Oxadiazole Derivatives, Journal of Cell Science and Therapy, 7, 1, 2-7.

Kumar R et al., (2013), Synthesis and biological evaluation of some novel 1, 3, 4-oxadiazoles derived from bi phenyl-4-carboxylic acid, Der Pharmacia Letter, 5, 366-370.

Kumar S and Pandey H N (2013), Electrochemical synthesis of 2-amino-5-substituted-1, 3, 4-oxadiazole derivatives and evaluation of antibacterial activity, Indian Journal of Chemistry, 52B, 252-258.

Kusanur R A, Mahesh R (2013)., Synthesis and anti-microbial study of oxadiazolyl indazoles. International Journal of Life Science and Pharma Research, 3, L6-L10.

Loetchutiant C et al.,(2003). Synthesis and evaluation of 5-aryl-3-(4-hydroxyphenyl)-1,3,4-oxadiazol-2-(3H)-thiones as P Glycoprotien inhibitors. Chem. Pharma Bull, 51, 728 – 730.

Lokanatha RKM et al.,(1999). Synthesis of 2-(4'-pyridyl)-5-alkyloxy-1,3,4-oxadiazoles of potential biological importance. Indian Journal of Chemistry, 8, 335 -336.

Mayekar A N et al., (2010). Synthesis and microbial studies on new substituted 1, 3, 4-oxadiazole derivatives bearing 6-bromonaphthalene moiety. International Journal of Chemistry, 2, 38-54.

Mogilaiah K and Prashanthi (2000). A convenient synthesis of 5-aryl-2-[p-(1,8-naphthyridin-2yl) phenoxymethyl]-1,3,4-oxadiazoles under microwave irradiation. Indian Journal of Heterocyclic Chemistry, 14, 185 – 188.

Nimavat B et al.,(2012). Synthesis and characterization of some novel oxadiazoles for in-vitro anti-inflammatory activity. International Journal of Research in Pharmacy and Chemistry, 2, 594-602.

Othman A A et al., (2012). Synthesis, met al ions coordination, antimicrobial activity of some l-tartaric acid derivatives. Chemical Science Transactions, 1, 185-193.

Ouyang X et al., (2006). Oxadiazole derivatives as a novel class of anti-mitotic agents: Synthesis, inhibition of tubulin polymerization and activity in tumor cell lines. Biorg. Med. Chem. Lett., 16, 1191 – 1196.

Patel K et al.,(2010). Synthesis, characterization and anthelmintic activity (peritumaposthuma) of new oxadiazole incorporated with imidazole and pyrazole. International Journal of Pharma and Bio Sciences, 3, 1-13.

Patel KD et al., (2001). Synthesis and biological activity of oxadiazolines and oxadiazoles. Indian Journal of Heterocyclic Chemistry, 11, 63 - 66.

Pattan S R et al., (2009). Synthesis and evaluation of some novel substituted 1, 3, 4-oxadiazole and pyrazole derivatives for antitubercular activity. Indian Journal of Chemistry, 48, 1453-1456.

Pavia et al.,(1999). Introduction to Organic Laboratory Techniques: A Microscale Approach. Saunders College Publishing.

Ramazani A et al., (2012). Four-component synthesis of 1, 3, 4- oxadiazole derivatives from N-isocyaniminotriphenylphosphorane, aromatic carboxylic acids, aromatic bis-aldehydes and secondary amines. Turkey Journal of Chemistry, 36, 81-91.

Rashidi N A, Berad B N (2013). Synthesis of some novel 1, 3, 4-oxadiazole derivatives. Research Journal of Recent Sciences, 2, 10 – 12.

Sachin G et al., (2002). Synthesis and anti-microbial activity of some 1,3,4-oxadiazole derivatives, Il Farmaco, 57, 539 – 542.

SaddiMSA et al.,(2005). In-vitro anti-tumor screening of some polysubstitutedpyrazole analogues. Saudi Pharma Journal, 13, 89 – 96.

Saini R et al., (2009). Synthesis and biological evaluation of 2, 5-disubstituted-1, 3, 4-oxadiazoles. Asian Journal of Research and Chemistry, 2, 34-36.

Saitoh M et al., (2009). Design, synthesis and structural-activity relationships of 1, 3, 4-oxadiazole derivatives as novel inhibitors of glycogen synthase kinase-3β. Bioorganic and Medicinal Chemistry, 47, 1-13.

Salimon J et al., (2011). Synthesis and antimicrobial activity of 1-(5-mercapto-1, 3, 4-oxadiazol-2-yl)-2-(pyridine-2-ylamino) ethenone, SainsMalaysiana, 40, 445-450.

Shivarama HB et al.,(2004). Synthesis and insecticidal activity of some 1,3,4-oxadiazoles derived from 2-chloropyridine-5-acetic acid. Indian Journal of Chemistry, 43, 864 – 868.

Shridhar A H et al., (2011). Synthesis, characterization and pharmacological studies of novel bis-1, 3, 4-oxadiazole and 1, 2, 4-triazole derivatives. Der ChemicaSinica, 2, 106 - 114.

Sidhaye R V et al.,(2011). Synthesis, antimicrobial and antimycobacterial activity of nicotinic acid hydrazide derivatives. Current Pharma Research, 1, 135-139.

Singh A K et al.,(2012). Synthesis, characterization and anti-inflammatory activity of some 1, 3, 4-oxadiazole derivatives. Journal of Chemical and Pharmaceutical Research, 4, 779-782.

Singh J et al., (2017), 1,3,4-oxadiazoles as Telomerase inhibitors: Potential Anticancer Agent, Anti-cancer Agents in Medicinal Chemistry, 17, 14, 1869-1883.

Thirugnanasambanthan A et al.,(2012). Synthesis and antimicrobial screening of some substituted 1, 3, 4-oxadiazole derivatives. Journal of Chemical and Pharmaceutical Research, 4, 1217-1221.

Wei L X, Hang H D (2012). Synthesis, crystal structure and biological activity of 2-(anthracen-9-yl)-5-p-tolyl-1, 3, 4-oxadiazole. Chinese journal of Structural Chemistry, 31, 367-372.